

Figure 1

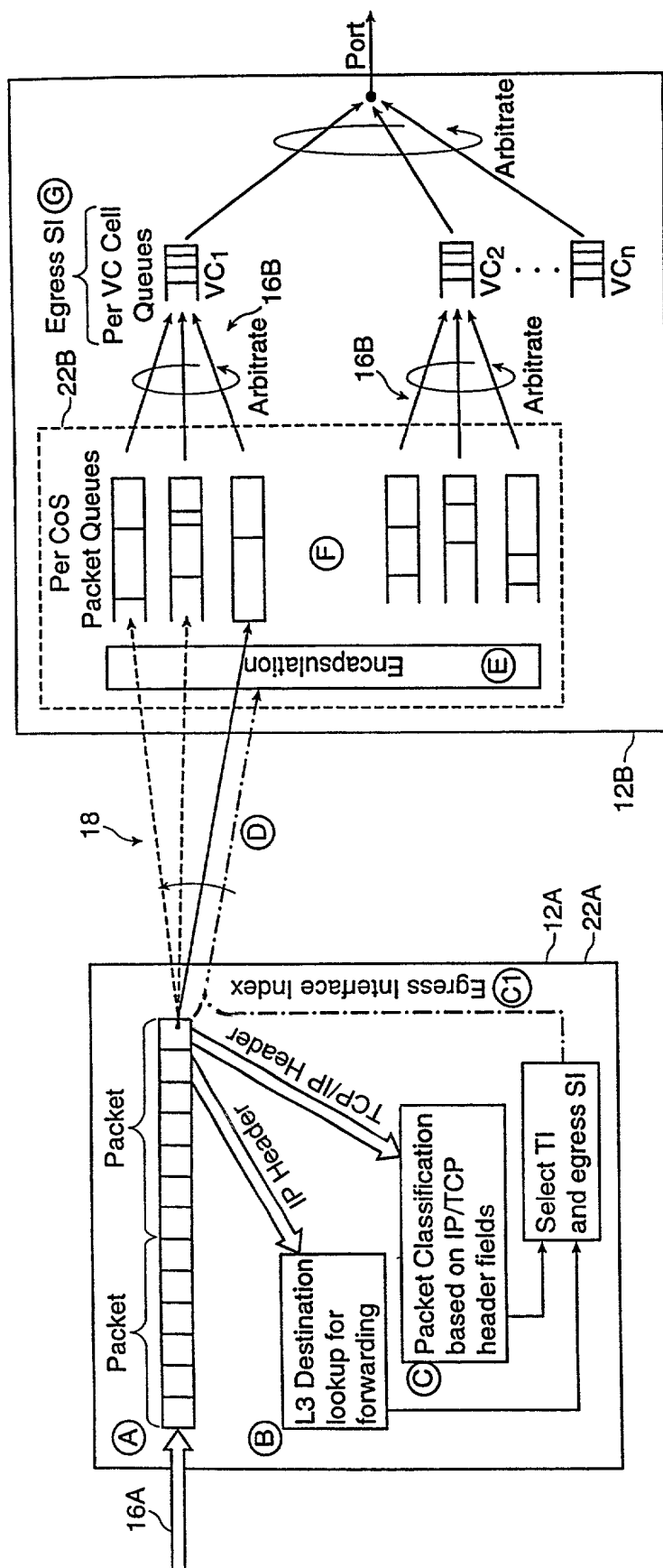


Figure 2

Addr Prefix	Next hop Router ID	Egress Interface Index List
1.2.3.4	B	

FEC → Z

Figure 6

IP Address	Egress Interface Index
1.2.3.4	

FEC → Z

Figure 3

Fig. 4

Parameter	Description	Default	NMTI	SNMP	NCI	CLI
ID number	A identification number assigned for this SI; unique within a subslot. This value is internally assigned and cannot be changed. This is 5 digit number field.	None	R	-	-	-
Endpoint	The ATM endpoint (shelf-slot-subslot-port; VPI/VCI) used by the SI.	None	R/W	-	-	-
Name	Name of the SI. This is 16 character text string field	Empty	R/W	-	-	-
Application	Application(s) provided by this SI. This is a boolean vector (i.e. bit map) indicating whether each of forwarding, routing and LDP is enabled.	Forward	R/W	-	-	-
Address type	Type of the IP address field. Valid type supported are unnumbered and IPv4.	Un-numbered	R/W	-	-	-
IP address	The IP address of the service interface. Represented to the user in standard "dotted decimal" format. "Illegal" IP addresses (e.g. 0.0.0.0, 255.255.255.255) are blocked.	Un-assigned	R/W	-	-	-
IP address prefix length	Number of bits in the IP address which constitute the (sub)network ID. A number in the range of 0..32.	None	R/W	-	-	-
Neighbour address type	Type of the neighbour IP address field. Valid type supported are unnumbered and IPv4.	Un-numbered	R/W	-	-	-
Neighbour IP address	The IP address used at the termination of the SI at the neighbouring router. Represented to the user in standard "dotted decimal" format. "Illegal" IP addresses (e.g. 0.0.0.0, 255.255.255.255) are blocked.	Un-assigned	R/W	-	-	-
Encapsulation	Encapsulation used on the SI. (RFC1483 LLC/SNAP routed IP, RFC1483 NULL)	RFC1483 NULL	R/W	-	-	-
MTU	Maximum Transmission Unit.	2016 octets	R	-	-	-
Ingress traffic contracts	An ingress traffic contract structure consists of an action (disable, tag, discard), a committed information rate (in b/s) and a burst size (in bytes). Eight ingress traffic contract structures are contained in each SI; each applies to a CoS.	disable CIR 0 BS 0	R/W	-	-	-
Status	Status of the service interface. (Up, Down).	Down	R	-	-	-

Service Interface Parameters

1000 3000 4000 5000 6000 7000 8000 9000 10000 11000 12000 13000 14000 15000 16000 17000 18000 19000 20000 21000 22000 23000 24000 25000 26000 27000 28000 29000 30000 31000 32000 33000 34000 35000 36000 37000 38000 39000 40000 41000 42000 43000 44000 45000 46000 47000 48000 49000 50000 51000 52000 53000 54000 55000 56000 57000 58000 59000 60000 61000 62000 63000 64000 65000 66000 67000 68000 69000 70000 71000 72000 73000 74000 75000 76000 77000 78000 79000 80000 81000 82000 83000 84000 85000 86000 87000 88000 89000 90000 91000 92000 93000 94000 95000 96000 97000 98000 99000 100000

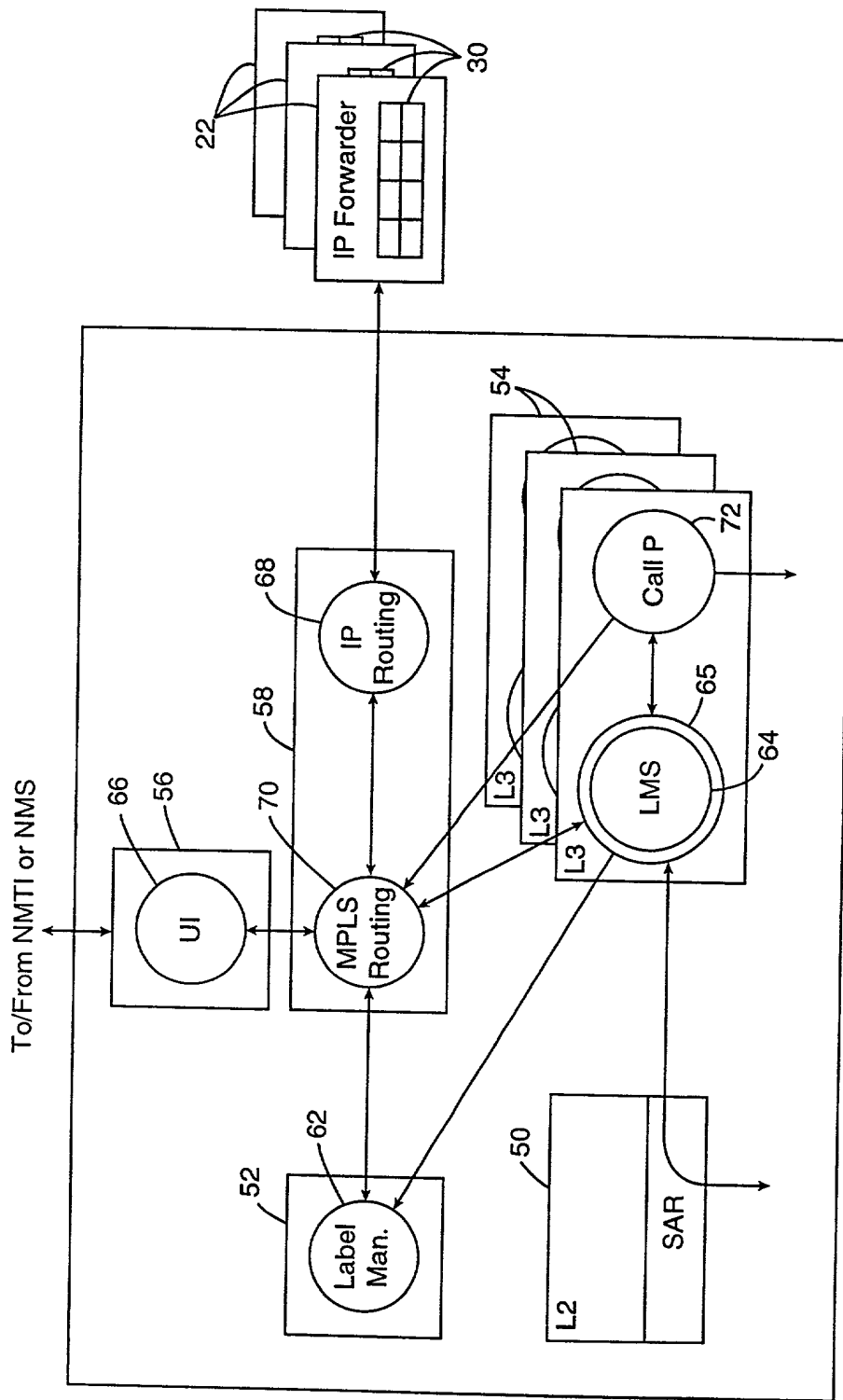


Figure 5

FIG. 7 is a block diagram of a network system 80. The system includes three nodes: node A (10A), node B (10B), and node C (10C). Node A is connected to node B via a bidirectional link 82. Node A is also connected to node C via a bidirectional link 84AB. Node B is connected to node C via a bidirectional link 84BC. Node C is connected to a Network (cloud) via a bidirectional link 82. The Network is connected to a Forward Error Correction (FEC) block Z. Node A is also connected to three input sources (represented by squares) via arrows.

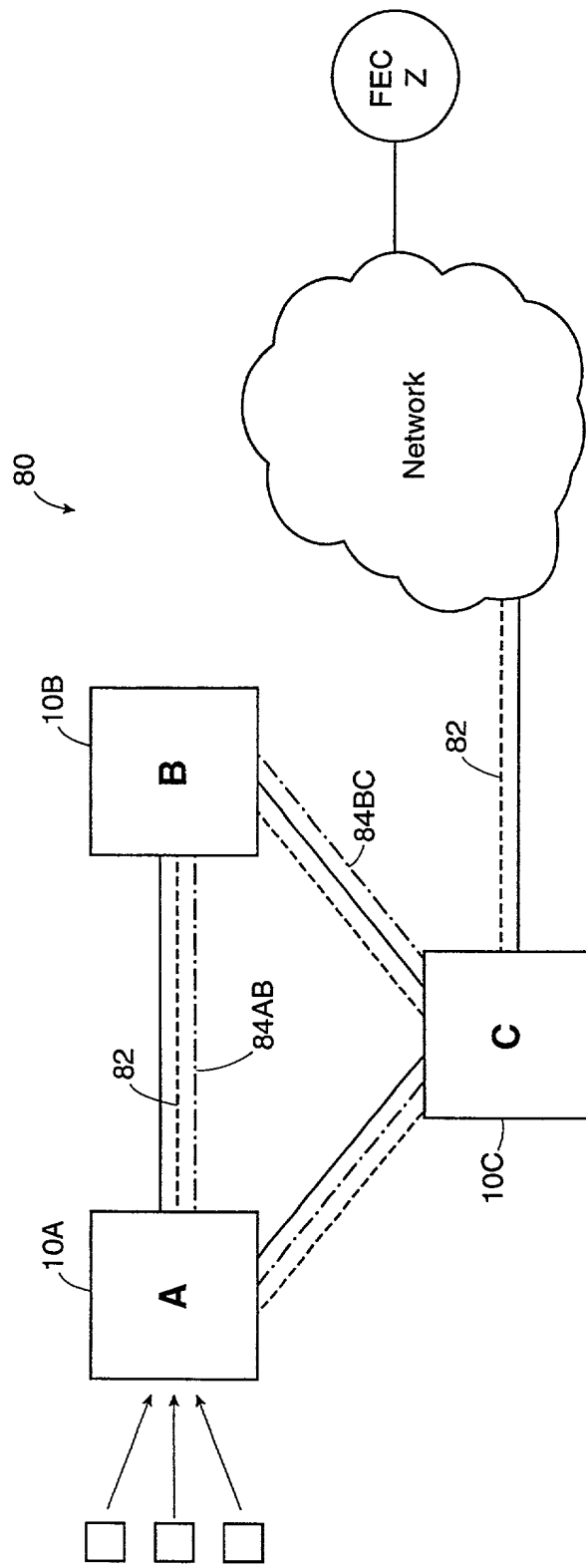


Figure 7

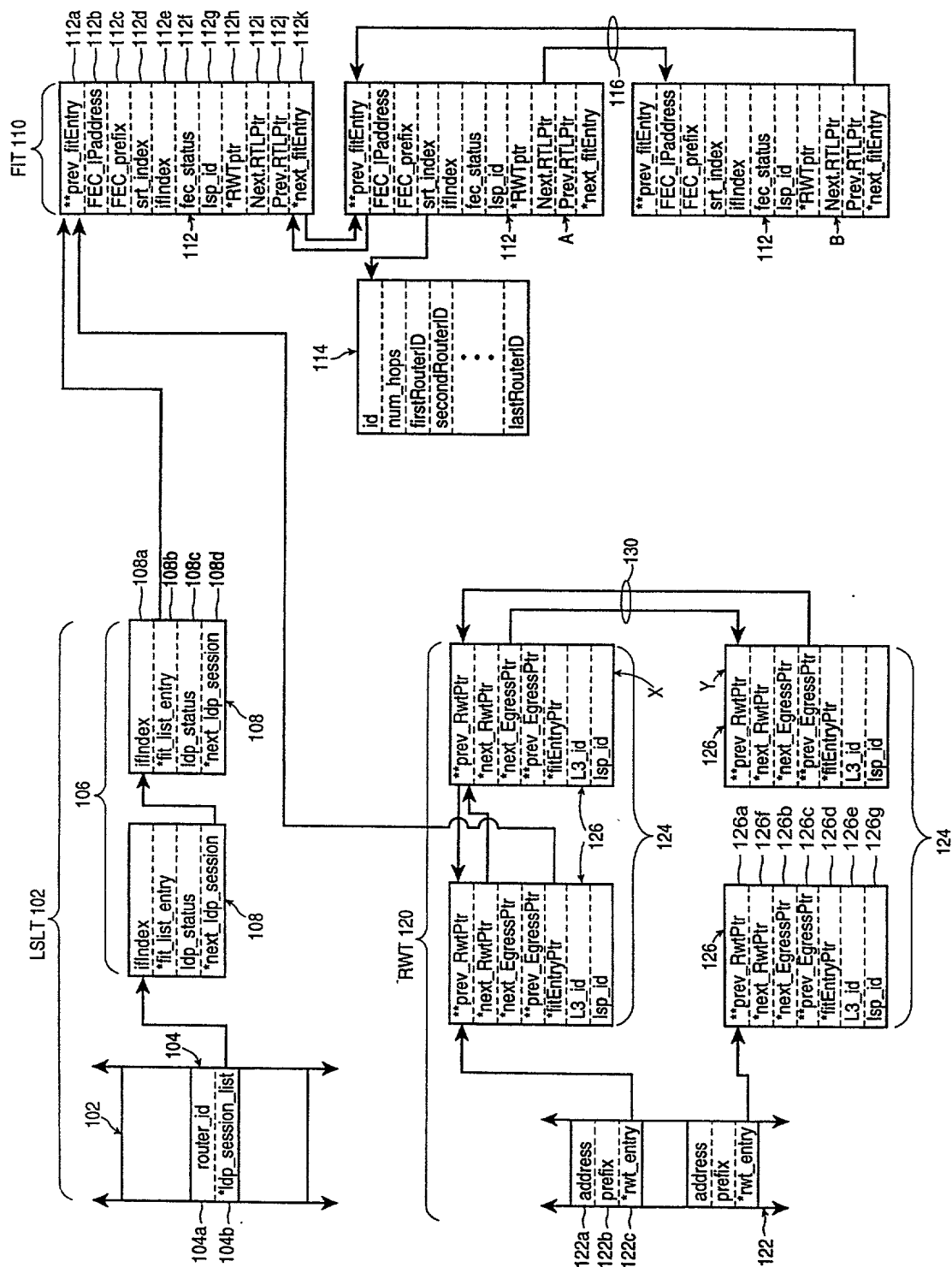


Figure 8

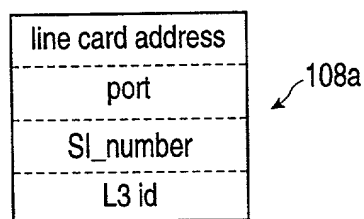


Figure 8A

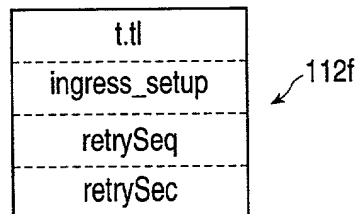


Figure 8B

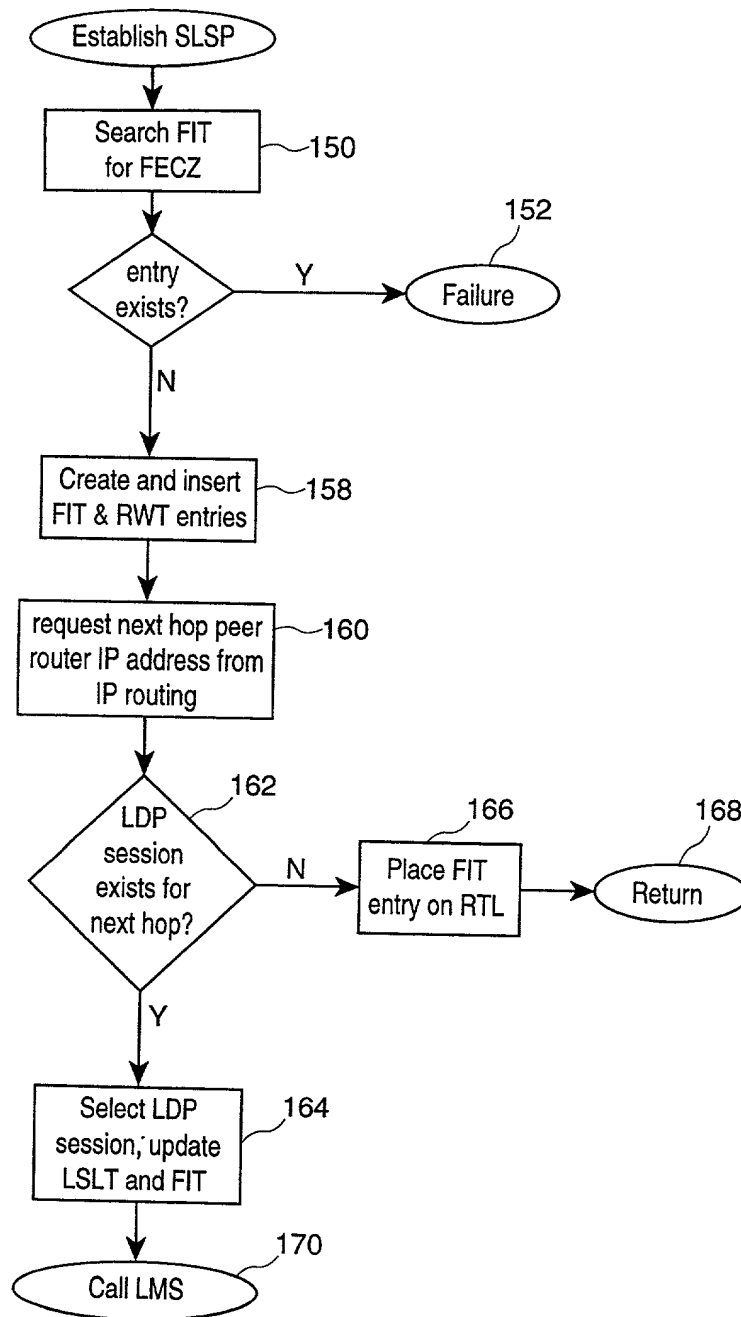


Figure 9

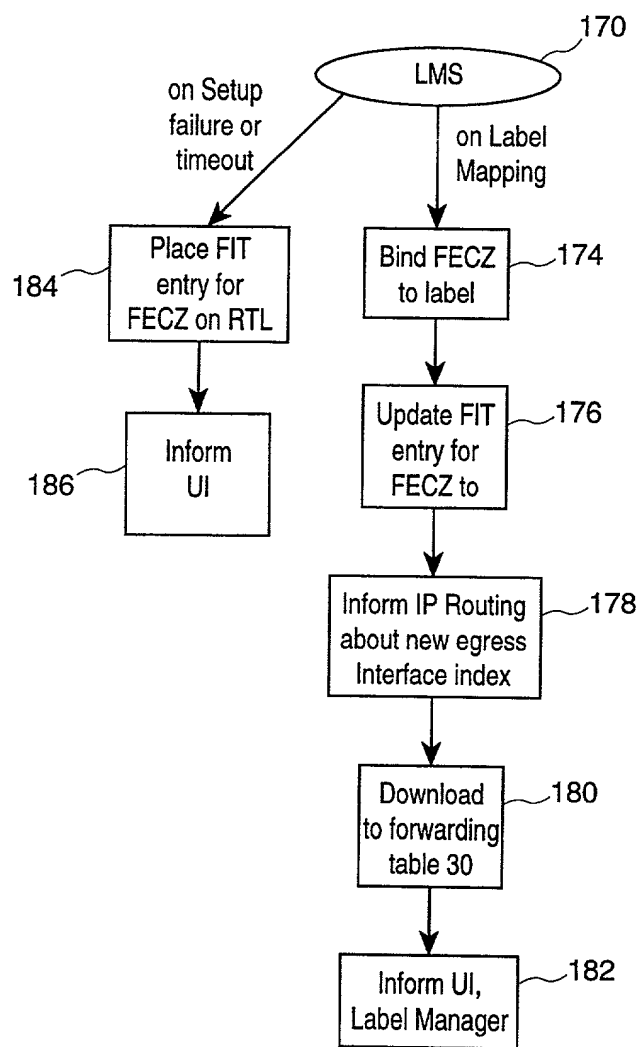


Figure 10

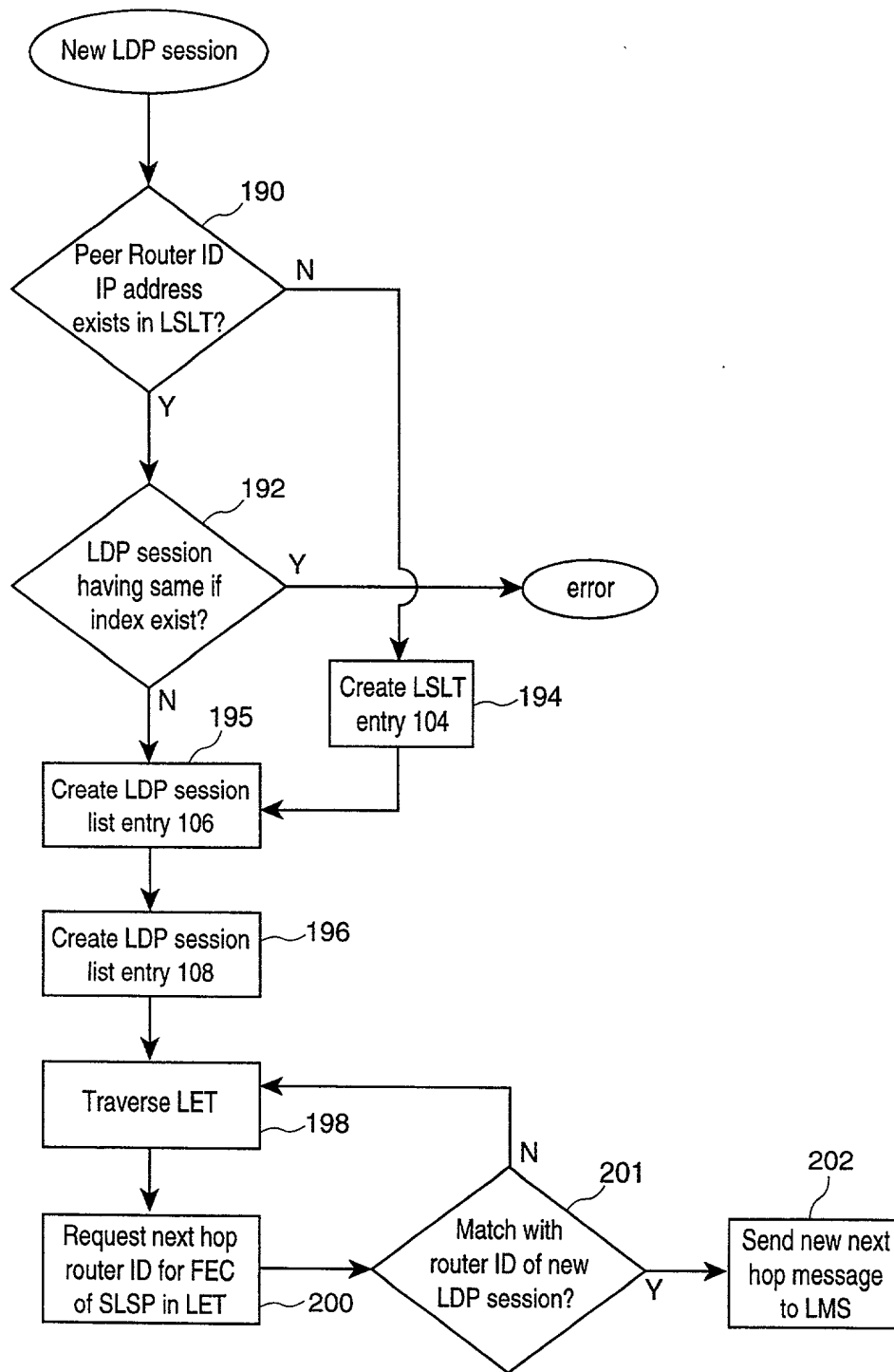


Figure 11